

Title: DATA SYNCHRONIZATION METHOD BETWEEN A PLURALITY OF INFORMATION APPARATUS, INFORMATION PROCESSING APPARATUS FOR EXECUTING THE METHOD, AND PROGRAM FOR...

FIG.1

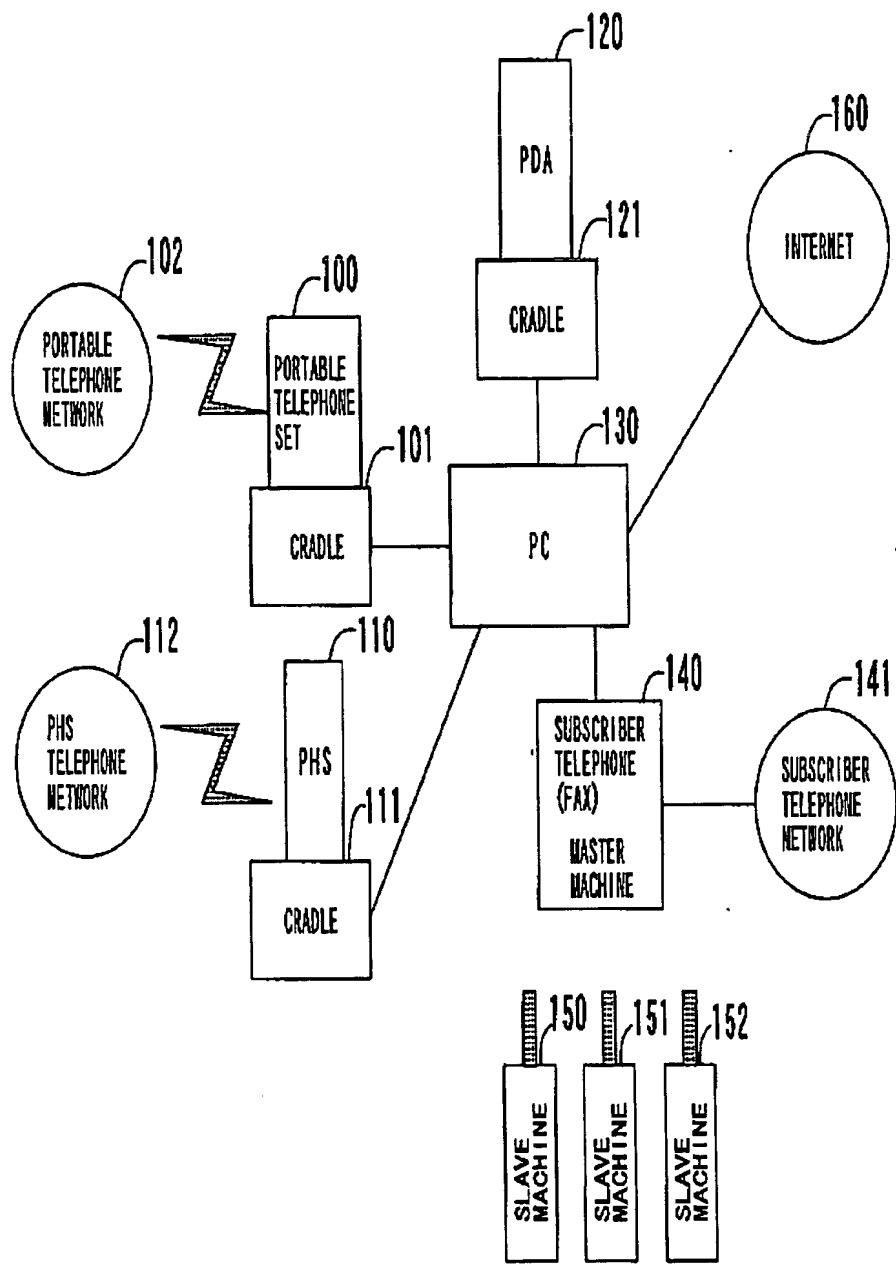
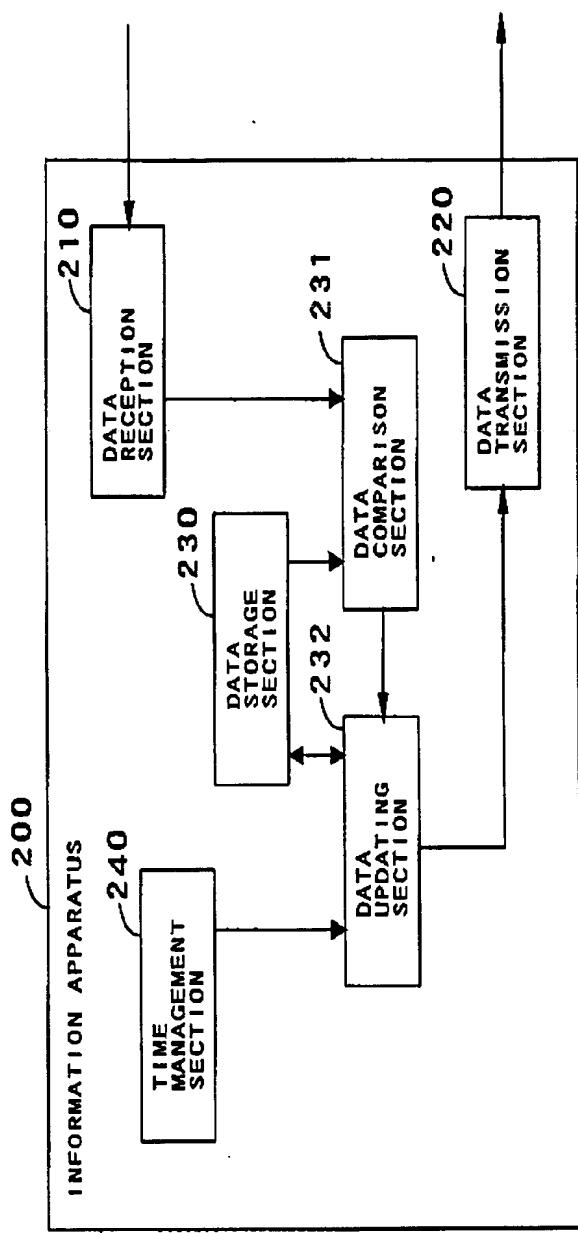


FIG. 2



## FIG. 3

INFORMATION APPARATUS A

RECORD NUMBER	RECORD DELETION DATE AND TIME	NAME	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER	UPDATING DATE AND TIME (TELEPHONE NUMBER)	PATTERN
1	1900/01/01 00:00:00	TARO YAMADA	2002/02/27 01:00:00	03-1111-0001	2002/02/27 01:10:00	(1)
2	2002/02/28 00:00:00	HIROSHI YAMAGUCHI	2002/02/27 00:00:00	03-2222-0012	2002/02/27 00:10:00	(3)
3	1900/01/01 00:00:00	ICHIRO SUZUKI	2002/02/27 03:00:00	03-2222-0003	2002/02/28 03:10:00	(5)
4	1900/01/01 00:00:00	TSUTOMU HASEGAWA	2002/02/27 04:00:00	03-2222-0004	2002/02/27 04:10:00	(6)
5	1900/01/01 00:00:00	TORU TAKAHASHI	2002/02/27 05:00:00	03-1111-0005	2002/02/27 05:10:00	(7)
6	2002/02/28 06:10:00	SHIRO ABE	2002/02/27 06:00:00	03-1111-0006	2002/02/27 06:10:00	(8)
7	2002/02/28 07:10:00	AKIKO GOTO	2002/02/27 07:00:00	03-1111-0007	2002/02/27 07:10:00	(9)
8	2002/02/28 08:20:00	TOSHIKAZU NAKAMURA	2002/02/27 08:00:00	03-1111-0008	2002/02/27 08:10:00	(10)
9	1900/01/01 00:00:00	TADASHI ISHII	2002/02/27 09:00:00	03-2222-0009	2002/02/28 09:10:00	(11)
10	1900/01/01 00:00:00	KOICHI SATO	2002/02/27 10:00:00	03-2222-0010	2002/02/28 10:10:00	(12)
11	1900/01/01 00:00:00	SHINJI NAKANO	2002/02/27 11:00:00	03-1111-0011	2002/02/27 11:10:00	(13)
:	:	:	:	:	:	

FIG. 4

INFORMATION  
APPARATUS B

RECORD NUMBER	RECORD DELETION DATE AND TIME	NAME	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER	UPDATING DATE AND TIME (TELEPHONE NUMBER)	PATTERN
1	1900/01/01 00:00:00	JIRO YAMAZAKI	2002/02/27 02:00:00	03-1111-0002	2002/02/27 02:10:00	(2)
2	2002/02/28 00:00:00	TATSUJI OKANO	2002/02/27 00:00:00	03-1111-0013	2002/02/27 00:10:00	(4)
3	1900/01/01 00:00:00	ICHIRO SUZUKI	2002/02/27 03:00:00	03-1111-0003	2002/02/27 03:10:00	(5)
4	1900/01/01 00:00:00	TSUTOMU HASEGAWA	2002/02/27 04:00:00	03-1111-0004	2002/02/27 04:10:00	(6)
5	1900/01/01 00:00:00	TORU TAKAHASHI	2002/02/27 05:00:00	03-2222-0005	2002/02/28 05:10:00	(7)
6	1900/01/01 00:00:00	SHIRO ABE	2002/02/27 06:00:00	03-1111-0006	2002/02/27 06:10:00	(8)
7	1900/01/01 00:00:00	AKIKO GOTO	2002/02/27 07:00:00	03-1111-0007	2002/02/27 07:10:00	(9)
8	1900/01/01 00:00:00	TOSHIKAZU NAKAMURA	2002/02/27 08:00:00	03-2222-0008	2002/02/28 08:10:00	(10)
9	2002/02/27 09:20:00	TADASHI ISHII	2002/02/27 09:00:00	03-1111-0009	2002/02/27 09:10:00	(11)
10	2002/02/28 10:10:00	KOICHI SATO	2002/02/27 10:00:00	03-1111-0010	2002/02/27 10:10:00	(12)
11	2002/02/28 11:10:00	SHINJI NAKAMO	2002/02/27 11:00:00	03-1111-0011	2002/02/27 11:10:00	(13)
:	:	:	:	:	:	

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FIG. 5

INFORMATION  
APPARATUS A

RECORD NUMBER	RECORD DELETION DATE AND TIME	NAME	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER	UPDATING DATE AND TIME (TELEPHONE NUMBER)	PATTERN
1	1900/01/01 00:00:00	TARO YAMADA	2002/02/27 01:00:00	03-1111-0001	2002/02/27 01:10:00	(1)
2	2002/02/28 00:00:00	HIROSHI YAMAGUCHI	2002/02/27 00:00:00	03-2222-0012	2002/02/27 00:10:00	(3)
3	1900/01/01 00:00:00	ICHIRO SUZUKI	2002/02/27 03:00:00	03-2222-0003	2002/02/28 03:10:00	(5)
4	1900/01/01 00:00:00	TSUTOMU HASEGAWA	2002/02/27 04:00:00	03-2222-0004	2002/02/27 04:10:00	(6)
5	1900/01/01 00:00:00	TORU TAKAHASHI	2002/02/27 05:00:00	03-2222-0005	2002/02/28 05:10:00	(7)
6	2002/02/28 06:10:00	SHIRO ABE	2002/02/27 06:00:00	03-1111-0006	2002/02/27 06:10:00	(8)
7	2002/02/28 07:10:00	AKIKO GOTO	2002/02/27 07:00:00	03-1111-0007	2002/02/27 07:10:00	(9)
8	1900/01/01 00:00:00	TOSHIKAZU NAKAMURA	2002/02/27 08:00:00	03-2222-0008	2002/02/28 08:10:00	(10)
9	1900/01/01 00:00:00	TADASHI ISHII	2002/02/27 09:00:00	03-2222-0009	2002/02/28 09:10:00	(11)
10	1900/01/01 00:00:00	KOICHI SATO	2002/02/27 10:00:00	03-2222-0010	2002/02/28 10:10:00	(12)
11	2002/02/28 11:10:00	SHINJI NAKANO	2002/02/27 11:00:00	03-1111-0011	2002/02/27 11:10:00	(13)
12	1900/01/01 00:00:00	JIRO YAMAZAKI	2002/02/27 02:00:00	03-1111-0002	2002/02/27 02:10:00	(2)
:	:	:	:	:	:	

## FIG. 6

INFORMATION  
APPARATUS B

RECORD NUMBER	RECORD DELETION DATE AND TIME	NAME	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER	UPDATING DATE AND TIME (TELEPHONE NUMBER)	PATTERN
1	1900/01/01 00:00:00	JIRO YAMAZAKI	2002/02/27 02:00:00	03-1111-0002	2002/02/27 02:10:00	(2)
2	2002/02/28 00:00:00	TATSUHI OKANO	2002/02/27 00:00:00	03-1111-0013	2002/02/27 00:10:00	(4)
3	1900/01/01 00:00:00	ICHIRO SUZUKI	2002/02/27 03:00:00	03-2222-0003	2002/02/28 03:10:00	(5)
4	1900/01/01 00:00:00	TSUTOMU HASEGAWA	2002/02/27 04:00:00	03-2222-0004	2002/02/27 04:10:00	(6)
5	1900/01/01 00:00:00	TORU TAKAHASHI	2002/02/27 05:00:00	03-2222-0005	2002/02/28 05:10:00	(7)
6	2002/02/28 06:10:00	SHIRO ABE	2002/02/27 06:00:00	03-1111-0006	2002/02/27 06:10:00	(8)
7	2002/02/28 07:10:00	AKIKO GOTO	2002/02/27 07:00:00	03-1111-0007	2002/02/27 07:10:00	(9)
8	1900/01/01 00:00:00	TOSHIKAZU NAKANURA	2002/02/27 08:00:00	03-2222-0008	2002/02/28 08:10:00	(10)
9	1900/01/01 00:00:00	TADASHI ISHII	2002/02/27 09:00:00	03-2222-0009	2002/02/28 09:10:00	(11)
10	1900/01/01 00:00:00	KOICHI SATO	2002/02/27 10:00:00	03-2222-0010	2002/02/28 10:10:00	(12)
11	2002/02/28 11:10:00	SHINJI NAKANO	2002/02/27 11:00:00	03-1111-0011	2002/02/27 11:10:00	(13)
12	1900/01/01 00:00:00	TARO YAMADA	2002/02/27 01:00:00	03-1111-0001	2002/02/27 01:10:00	(1)
:	:	:	:	:	:	

FIG. 7

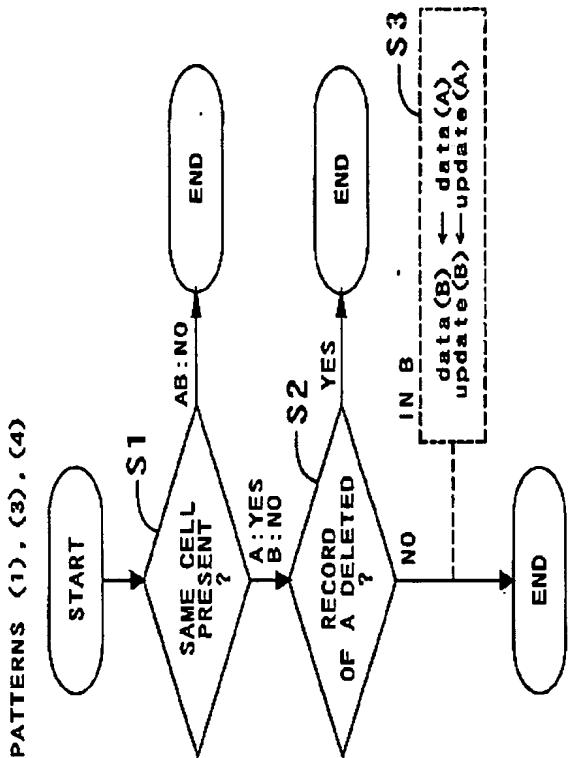


FIG. 8

PATTERNS (2), (3), (4)

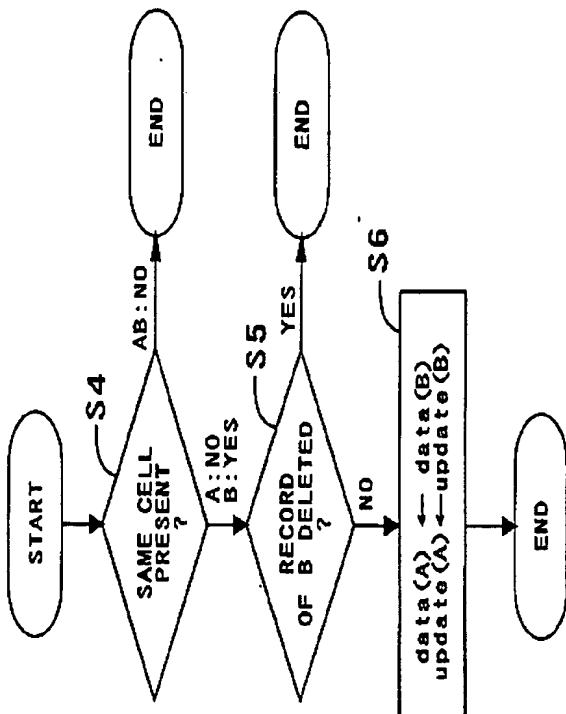


FIG. 9

PATTERNS (5), (6), (7)

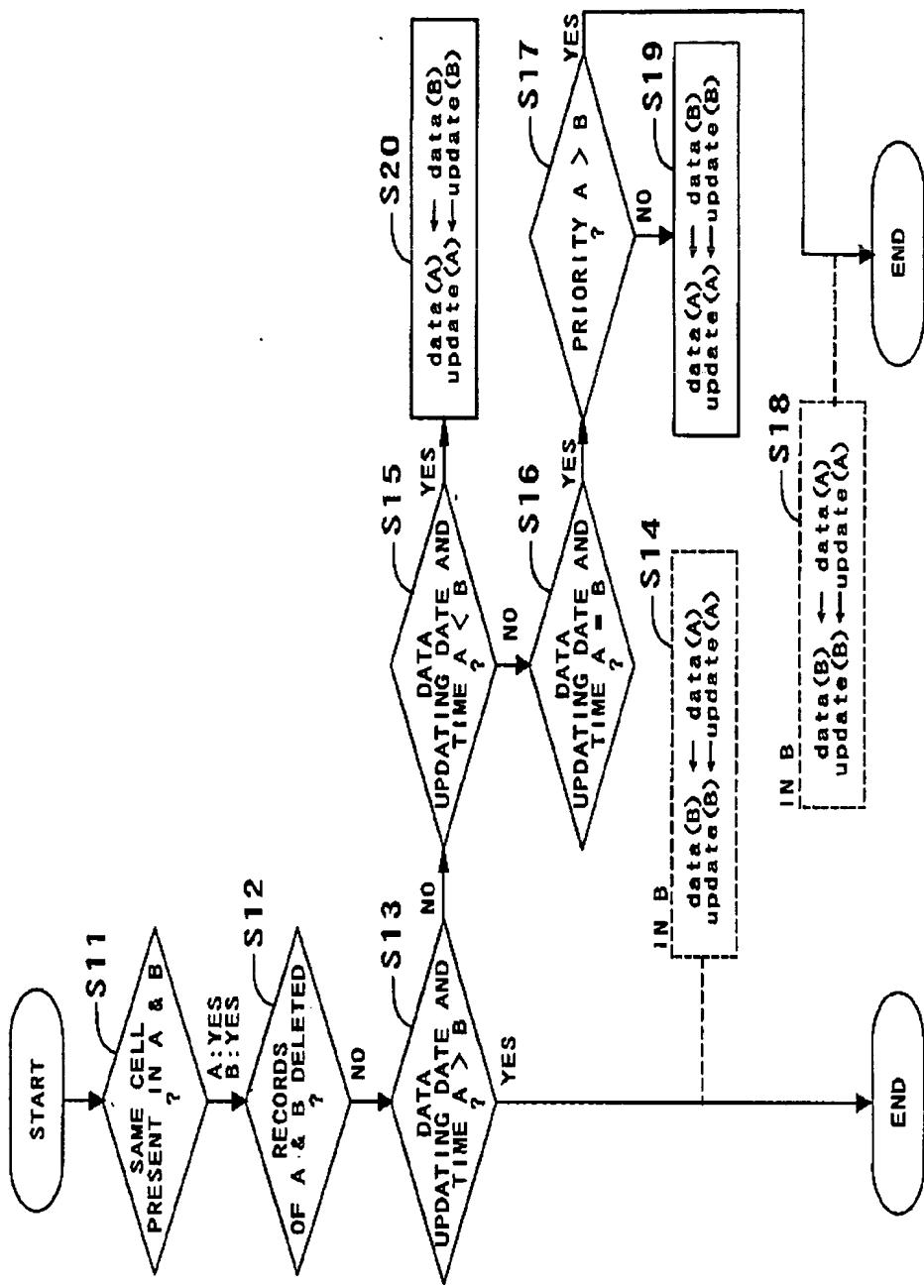


FIG. 10

PATTERNS (8), (9), (10)

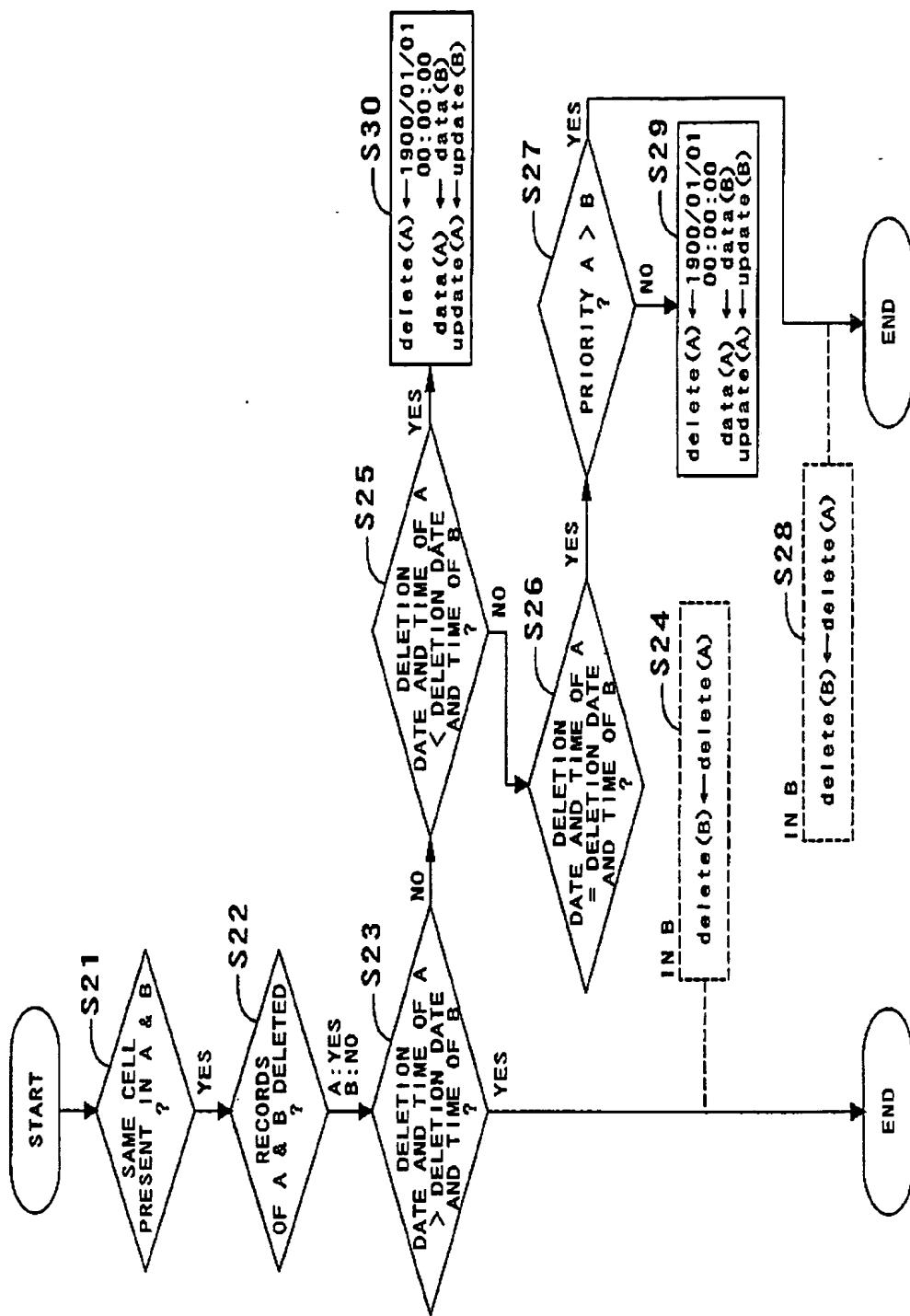
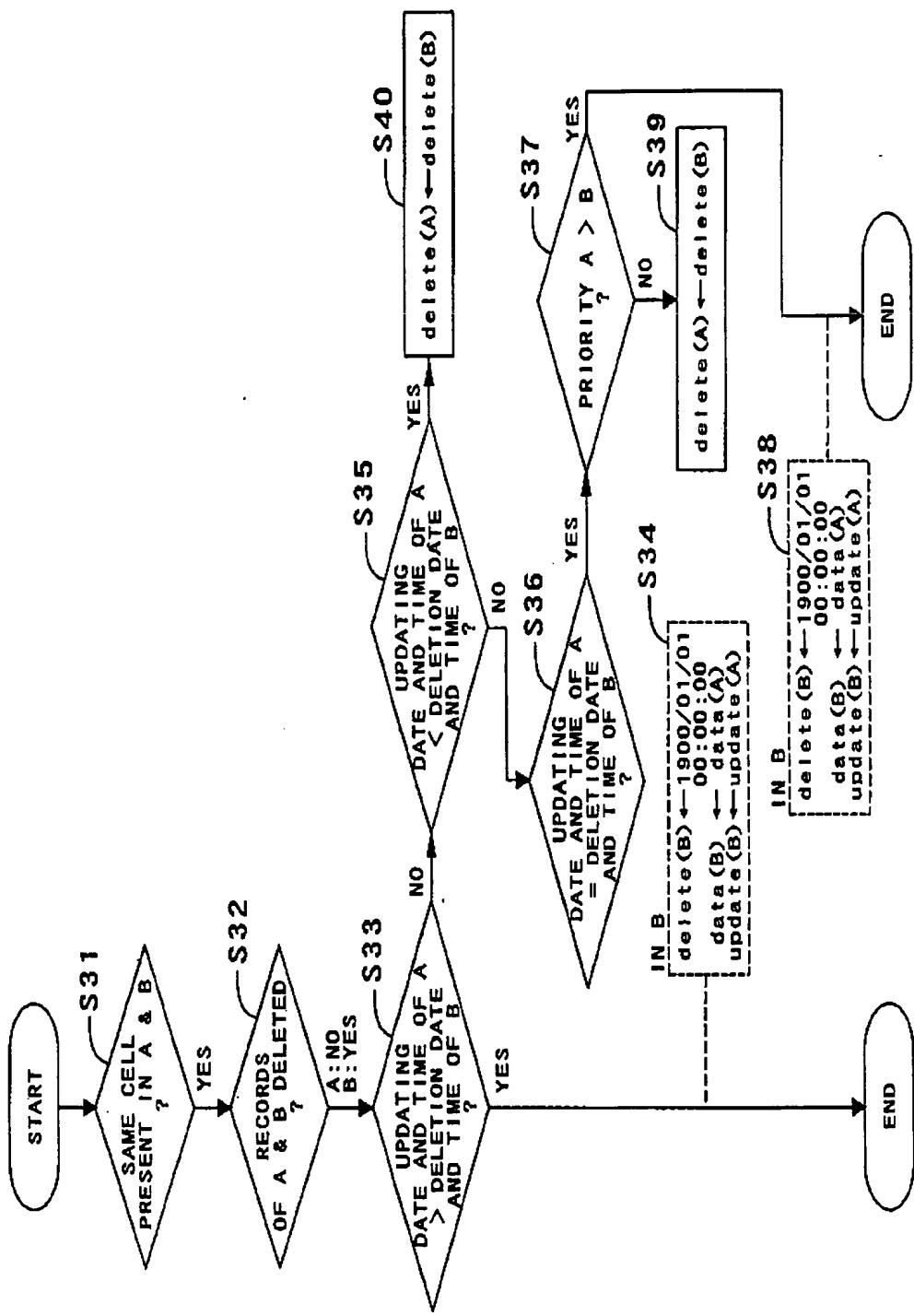


FIG. 11

PATTERNS (11), (12), (13)



Inventor: Akihiro Sekine  
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FIG. 12

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FIG. 13

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RECORD NUMBER	RECORD DELETION DATE AND TIME	NAME	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER 1	UPDATING DATE AND TIME (TELEPHONE NUMBER 1)	TELEPHONE NUMBER 2	UPDATING DATE AND TIME (TELEPHONE NUMBER 2)
1	1900/01/01 00:00:00	TARO YANADA	2002/02/27 01:00:00	03-1111-0001	2002/02/27 01:10:00	03-2222-0001	2002/02/27 01:20:00
2	1900/01/01 00:00:00	ICHIRO SUZUKI	2002/02/27 02:00:00	03-1111-0002	2002/02/27 02:10:00	03-2222-0002	2002/02/27 02:20:00
3	1900/01/01 00:00:00	TSUTOMU HASEGAWA	2002/02/27 03:00:00	03-1111-0003	2002/02/27 03:10:00	03-2222-0003	2002/02/27 03:20:00
4	1900/01/01 00:00:00	TORU TAKAHASHI	2002/02/27 04:00:00	03-1111-0004	2002/02/27 04:10:00	03-2222-0004	2002/02/27 04:20:00
:	:	:	:	:	:	:	:

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FIG. 14

901 902 903 900 904

NUMBER	RECORD DELETION DATE AND TIME	NAME	UPDATING DATE AND TIME (NAME)	ID
1	1900/01/01 00:00:00	YAMADA TANAKA	2002/02/27 01:00:00	1
2	1900/01/01 00:00:00	ICHIRO SUZUKI	2002/02/27 02:00:00	2
3	1900/01/01 00:00:00	TSUTOMU HASEGAWA	2002/02/27 03:00:00	3
4	1900/01/01 00:00:00	TORU TAKAHASHI	2002/02/27 04:00:00	4
			;	
			;	
			;	
			;	
			;	

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FIG. 15

RECORD NUMBER	ID	RECORD DELETION DATE AND TIME	TELEPHONE NUMBER	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER TYPE	UPDATING DATE AND TIME (TELEPHONE NUMBER TYPE)
1	1	1900/01/01 00:00:00	03-1111-0001	2002/02/27 01:10:00	HOME	2002/02/27 01:20:00
2	2	1900/01/01 00:00:00	03-1111-0002	2002/02/27 02:10:00	HOME	2002/02/27 02:20:00
3	3	1900/01/01 00:00:00	03-1111-0003	2002/02/27 03:10:00	COMPANY	2002/02/27 03:20:00
4	4	1900/01/01 00:00:00	03-1111-0004	2002/02/27 04:10:00	PARENT'S HOME	2002/02/27 04:20:00
:	:	:	:	:	:	:

FIG. 16

RECORD NUMBER	ID	RECORD DELETION DATE AND TIME	E-mail	UPDATING DATE AND TIME (E-mail)	E-mail TYPE	UPDATING DATE AND TIME (E-mail TYPE)
1	1	1900/01/01 00:00:00	yanada@nec.com	2002/02/27 01:30:00	HOME	2002/02/27 01:40:00
2	2	1900/01/01 00:00:00	suzuki@nec.com	2002/02/27 02:30:00	HOME	2002/02/27 02:40:00
3	3	1900/01/01 00:00:00	hasegawa@nec.com	2002/02/27 03:30:00	HOME	2002/02/27 03:40:00
4	4	1900/01/01 00:00:00	takahashi@nec.com	2002/02/27 04:30:00	HOME	2002/02/27 04:40:00
:	:	:	:	:	:	:

FIG.17

RECORD NUMBER	RECORD DELETION DATE AND TIME	DATA ATTRIBUTE	UPDATING DATE AND TIME (DATA ATTRIBUTE)	NAME	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER	UPDATING DATE AND TIME (TELEPHONE NUMBER)
1	1900/01/01 00:00:00	SHARED	2002/02/27 01:00:00	TARO YAMADA	2002/02/27 01:10:00	03-1111-0001	2002/02/27 01:20:00
2	1900/01/01 00:00:00	SHARED	2002/02/27 02:00:00	ICHIRO SUZUKI	2002/02/27 02:10:00	03-1111-0002	2002/02/27 02:20:00
3	1900/01/01 00:00:00	SECRET	2002/02/27 03:00:00	TSUTOMU HASEGAWA	2002/02/27 03:10:00	03-1111-0003	2002/02/27 03:20:00
4	1900/01/01 00:00:00	SHARED	2002/02/27 04:00:00	TORU TAKAHASHI	2002/02/27 04:10:00	03-1111-0004	2002/02/27 04:20:00
:	:	:	:	:	:	:	:

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FIG. 18

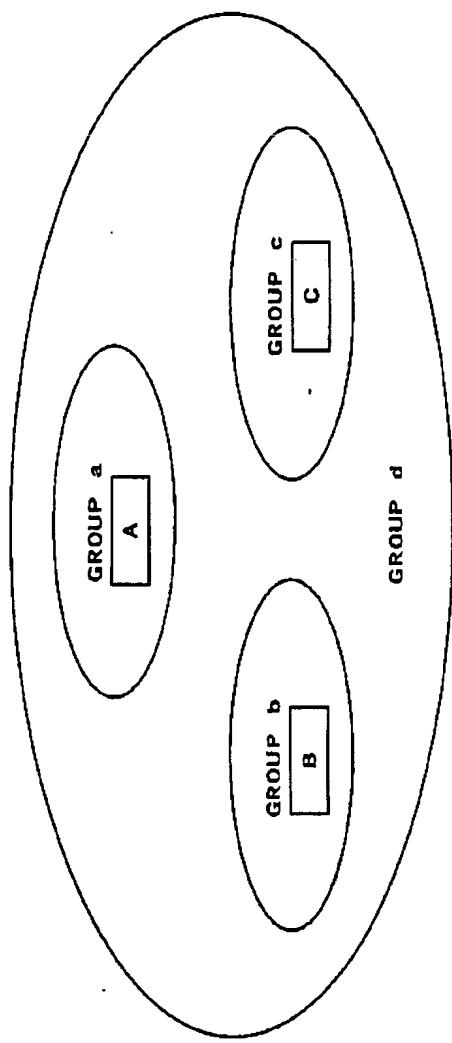


FIG. 19

RECORD NUMBER	GROUP	INFORMATION APPARATUS ID	STATE	UPDATING DATE AND TIME
1	a	A	REGISTERED	2002/02/27 01:00:00
2	d	A	REGISTERED	2002/02/27 02:00:00
3	d	B	REGISTERED	2002/02/27 03:00:00
4	d	C	REGISTERED	2002/02/27 04:00:00

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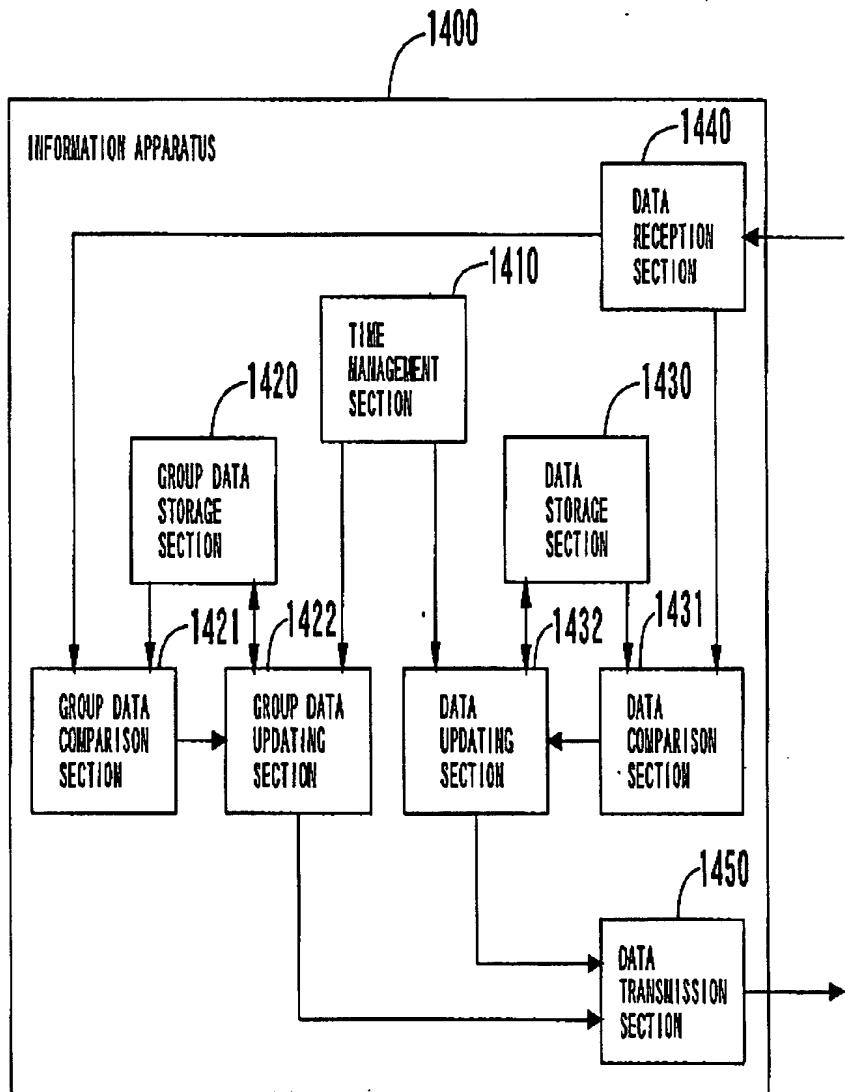
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FIG. 20

RECORD NUMBER	RECORD DELETION DATE AND TIME	GROUP	UPDATING DATE (GROUP)	NAME	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER	UPDATING DATE AND TIME (TELEPHONE NUMBER )
1	1900/01/01 00:00:00	d	2002/02/27 01:00:00	TARO YAMADA	2002/02/27 01:10:00	03-1111-0001	2002/02/27 01:20:00
2	1900/01/01 00:00:00	d	2002/02/27 02:00:00	ICHIRO SUZUKI	2002/02/27 02:10:00	03-1111-0002	2002/02/27 02:20:00
3	1900/01/01 00:00:00	a	2002/02/27 03:00:00	TSUTOMU HASEGAWA	2002/02/27 03:10:00	03-1111-0003	2002/02/27 03:20:00
4	1900/01/01 00:00:00	d	2002/02/27 04:00:00	TORU TAKAHASHI	2002/02/27 04:10:00	03-1111-0004	2002/02/27 04:20:00
:	:	:	:	:	:	:	:

FIG. 21



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FIG. 22

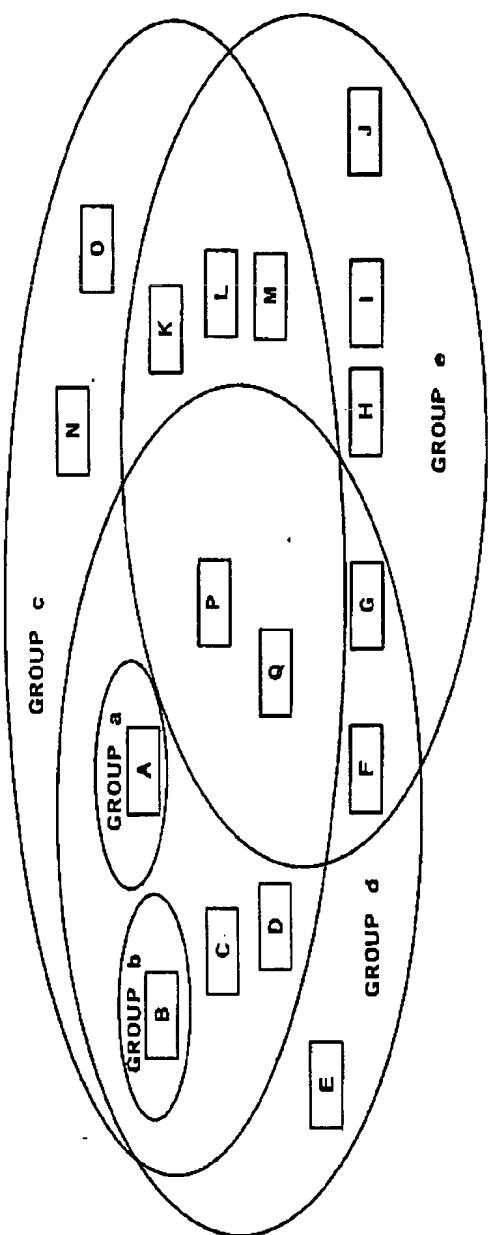


FIG. 23

RECORD NUMBER	GROUP	INFORMATION APPARATUS ID	STATE	UPDATING DATE AND TIME	DATA PRIORITY	UPDATING DATE AND TIME (DATA PRIORITY)
1	a	A	REGISTERED	2002/02/27 00:00:00	1	2002/02/27 00:00:00
2	c	A	REGISTERED	2002/02/27 00:00:00	1	2002/02/27 00:00:00
3	c	B	REGISTERED	2002/02/27 00:00:00	2	2002/02/27 00:00:00
4	c	C	REGISTERED	2002/02/27 00:00:00	3	2002/02/27 00:00:00
5	c	D	REGISTERED	2002/02/27 00:00:00	4	2002/02/27 00:00:00
6	c	K	REGISTERED	2002/02/27 00:00:00	5	2002/02/27 00:00:00
7	c	L	REGISTERED	2002/02/27 00:00:00	6	2002/02/27 00:00:00
8	c	M	REGISTERED	2002/02/27 00:00:00	7	2002/02/27 00:00:00
9	c	N	REGISTERED	2002/02/27 00:00:00	8	2002/02/27 00:00:00
10	c	O	REGISTERED	2002/02/27 00:00:00	9	2002/02/27 00:00:00
11	c	P	REGISTERED	2002/02/27 00:00:00	10	2002/02/27 00:00:00
12	c	Q	REGISTERED	2002/02/27 00:00:00	11	2002/02/27 00:00:00
13	d	A	REGISTERED	2002/02/27 00:00:00	1	2002/02/27 00:00:00
14	d	B	REGISTERED	2002/02/27 00:00:00	2	2002/02/27 00:00:00
15	d	C	REGISTERED	2002/02/27 00:00:00	3	2002/02/27 00:00:00
16	d	D	REGISTERED	2002/02/27 00:00:00	4	2002/02/27 00:00:00
17	d	E	REGISTERED	2002/02/27 00:00:00	5	2002/02/27 00:00:00
18	d	F	REGISTERED	2002/02/27 00:00:00	6	2002/02/27 00:00:00
19	d	G	REGISTERED	2002/02/27 00:00:00	7	2002/02/27 00:00:00
20	d	P	REGISTERED	2002/02/27 00:00:00	8	2002/02/27 00:00:00
21	d	Q	REGISTERED	2002/02/27 00:00:00	9	2002/02/27 00:00:00

FIG. 24

RECORD NUMBER	GROUP	INFORMATION APPARATUS ID	STATE	UPDATING DATE AND TIME	DATA PRIORITY	UPDATING DATE AND TIME (DATA PRIORITY)
1	b	B	REGISTERED	2002/02/27 00:00:00	1	2002/02/27 00:00:00
2	c	A	REGISTERED	2002/02/27 00:00:00	1	2002/02/27 00:00:00
3	c	B	REGISTERED	2002/02/27 00:00:00	2	2002/02/27 00:00:00
4	c	C	REGISTERED	2002/02/27 00:00:00	3	2002/02/27 00:00:00
5	c	D	REGISTERED	2002/02/27 00:00:00	4	2002/02/27 00:00:00
6	c	K	REGISTERED	2002/02/27 00:00:00	5	2002/02/27 00:00:00
7	c	L	REGISTERED	2002/02/27 00:00:00	6	2002/02/27 00:00:00
8	c	M	REGISTERED	2002/02/27 00:00:00	7	2002/02/27 00:00:00
9	c	N	REGISTERED	2002/02/27 00:00:00	8	2002/02/27 00:00:00
10	c	O	REGISTERED	2002/02/27 00:00:00	9	2002/02/27 00:00:00
11	c	P	REGISTERED	2002/02/27 00:00:00	10	2002/02/27 00:00:00
12	c	Q	REGISTERED	2002/02/27 00:00:00	11	2002/02/27 00:00:00
13	d	A	REGISTERED	2002/02/27 00:00:00	1	2002/02/27 00:00:00
14	d	B	REGISTERED	2002/02/27 00:00:00	2	2002/02/27 00:00:00
15	d	C	REGISTERED	2002/02/27 00:00:00	3	2002/02/27 00:00:00
16	d	D	REGISTERED	2002/02/27 00:00:00	4	2002/02/27 00:00:00
17	d	E	REGISTERED	2002/02/27 00:00:00	5	2002/02/27 00:00:00
18	p	F	REGISTERED	2002/02/27 00:00:00	6	2002/02/27 00:00:00
19	p	G	REGISTERED	2002/02/27 00:00:00	7	2002/02/27 00:00:00
20	p	P	REGISTERED	2002/02/27 00:00:00	8	2002/02/27 00:00:00
21	p	Q	REGISTERED	2002/02/27 00:00:00	9	2002/02/27 00:00:00

FIG. 25

The diagram shows a timeline from 2001 to 2008. The years 2001, 2002, 2003, 2005, 2006, 2007, and 2008 are explicitly labeled. A break in the timeline is indicated by a gap between 2003 and 2004, with the year 2004 written above the gap. The years 2000 and 2009 are written above the timeline at the far right.

RECORD NUMBER	INFORMATION APPARATUS ID	STATE	UPDATING DATE AND TIME	ADDRESS	UPDATING DATE AND TIME (ADDRESS)	ENCRYPTION KEY	UPDATING DATE AND TIME (ENCRYPTION KEY)	LAST SYNCHRONIZATION DATE AND TIME
1	A	REGISTERED	2002/02/27 00:00:00	Adr(A)	2002/02/27 00:00:00	Key(A)	2002/02/27 00:00:00	2002/02/27 00:00:00
2	B	REGISTERED	2002/02/27 00:00:00	Adr(B)	2002/02/27 00:00:00	Key(B)	2002/02/27 00:00:00	2002/02/27 00:00:00
3	C	REGISTERED	2002/02/27 00:00:00	Adr(C)	2002/02/27 00:00:00	Key(C)	2002/02/27 00:00:00	2002/02/27 00:00:00
4	D	REGISTERED	2002/02/27 00:00:00	Adr(D)	2002/02/27 00:00:00	Key(D)	2002/02/27 00:00:00	2002/02/27 00:00:00
5	E	REGISTERED	2002/02/27 00:00:00	Adr(E)	2002/02/27 00:00:00	Key(E)	2002/02/27 00:00:00	2002/02/27 00:00:00
6	F	REGISTERED	2002/02/27 00:00:00	Adr(F)	2002/02/27 00:00:00	Key(F)	2002/02/27 00:00:00	2002/02/27 00:00:00
7	G	REGISTERED	2002/02/27 00:00:00	Adr(G)	2002/02/27 00:00:00	Key(G)	2002/02/27 00:00:00	2002/02/27 00:00:00
8	K	REGISTERED	2002/02/27 00:00:00	Adr(K)	2002/02/27 00:00:00	Key(K)	2002/02/27 00:00:00	2002/02/27 00:00:00
9	L	REGISTERED	2002/02/27 00:00:00	Adr(L)	2002/02/27 00:00:00	Key(L)	2002/02/27 00:00:00	2002/02/27 00:00:00
10	M	REGISTERED	2002/02/27 00:00:00	Adr(M)	2002/02/27 00:00:00	Key(M)	2002/02/27 00:00:00	2002/02/27 00:00:00
11	N	REGISTERED	2002/02/27 00:00:00	Adr(N)	2002/02/27 00:00:00	Key(N)	2002/02/27 00:00:00	2002/02/27 00:00:00
12	O	REGISTERED	2002/02/27 00:00:00	Adr(O)	2002/02/27 00:00:00	Key(O)	2002/02/27 00:00:00	2002/02/27 00:00:00
13	P	REGISTERED	2002/02/27 00:00:00	Adr(P)	2002/02/27 00:00:00	Key(P)	2002/02/27 00:00:00	2002/02/27 00:00:00
14	Q	REGISTERED	2002/02/27 00:00:00	Adr(Q)	2002/02/27 00:00:00	Key(Q)	2002/02/27 00:00:00	2002/02/27 00:00:00

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FIG. 26

RECORD NUMBER	INFORMATION APPARATUS ID	STATE	UPDATING DATE AND TIME	ADDRESS	UPDATING DATE AND TIME (ADDRESS)	ENCRYPTION KEY	UPDATING DATE AND TIME (ENCRYPTION KEY)	LAST SYNCHRONIZATION DATE AND TIME
1	A	REGISTERED	2002/02/27 00:00:00	Adr(A)	2002/02/27 00:00:00	Key(A)	2002/02/27 00:00:00	2002/02/27 00:00:00
2	B	REGISTERED	2002/02/27 00:00:00	Adr(B)	2002/02/27 00:00:00	Key(B)	2002/02/27 00:00:00	2002/02/27 00:00:00
3	C	REGISTERED	2002/02/27 00:00:00	Adr(C)	2002/02/27 00:00:00	Key(C)	2002/02/27 00:00:00	2002/02/27 00:00:00
4	D	REGISTERED	2002/02/27 00:00:00	Adr(D)	2002/02/27 00:00:00	Key(D)	2002/02/27 00:00:00	2002/02/27 00:00:00
5	E	REGISTERED	2002/02/27 00:00:00	Adr(E)	2002/02/27 00:00:00	Key(E)	2002/02/27 00:00:00	2002/02/27 00:00:00
6	F	REGISTERED	2002/02/27 00:00:00	Adr(F)	2002/02/27 00:00:00	Key(F)	2002/02/27 00:00:00	2002/02/27 00:00:00
7	G	REGISTERED	2002/02/27 00:00:00	Adr(G)	2002/02/27 00:00:00	Key(G)	2002/02/27 00:00:00	2002/02/27 00:00:00
8	K	REGISTERED	2002/02/27 00:00:00	Adr(K)	2002/02/27 00:00:00	Key(K)	2002/02/27 00:00:00	2002/02/27 00:00:00
9	L	REGISTERED	2002/02/27 00:00:00	Adr(L)	2002/02/27 00:00:00	Key(L)	2002/02/27 00:00:00	2002/02/27 00:00:00
10	M	REGISTERED	2002/02/27 00:00:00	Adr(M)	2002/02/27 00:00:00	Key(M)	2002/02/27 00:00:00	2002/02/27 00:00:00
11	N	REGISTERED	2002/02/27 00:00:00	Adr(N)	2002/02/27 00:00:00	Key(N)	2002/02/27 00:00:00	2002/02/27 00:00:00
12	O	REGISTERED	2002/02/27 00:00:00	Adr(O)	2002/02/27 00:00:00	Key(O)	2002/02/27 00:00:00	2002/02/27 00:00:00
13	P	REGISTERED	2002/02/27 00:00:00	Adr(P)	2002/02/27 00:00:00	Key(P)	2002/02/27 00:00:00	2002/02/27 00:00:00
14	Q	REGISTERED	2002/02/27 00:00:00	Adr(Q)	2002/02/27 00:00:00	Key(Q)	2002/02/27 00:00:00	2002/02/27 00:00:00

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FIG. 27

RECORD NUMBER	RECORD DELETION DATE AND TIME	GROUP	UPDATING DATE (GROUP)	NAME	UPDATING DATE AND TIME (NAME)	TELEPHONE NUMBER	UPDATING DATE AND TIME (TELEPHONE NUMBER)
1	1900/01/01 00:00:00	a	2002/02/27 01:00:00	TARO YAMADA	2002/02/27 01:10:00	03-1111-0002	2002/02/27 01:20:00
2	1900/01/01 00:00:00	a	2002/02/27 02:00:00	ICHIRO SUZUKI	2002/02/27 02:10:00	03-1111-0002	2002/02/27 02:20:00
3	1900/01/01 00:00:00	c	2002/02/27 03:00:00	TSUTOMU HASEGAWA	2002/02/27 03:10:00	03-1111-0003	2002/02/27 03:20:00
4	1900/01/01 00:00:00	d	2002/02/27 04:00:00	TORU TAKAHASHI	2002/02/27 04:10:00	03-1111-0004	2002/02/27 04:20:00
:	:	:	:	:	:	:	:

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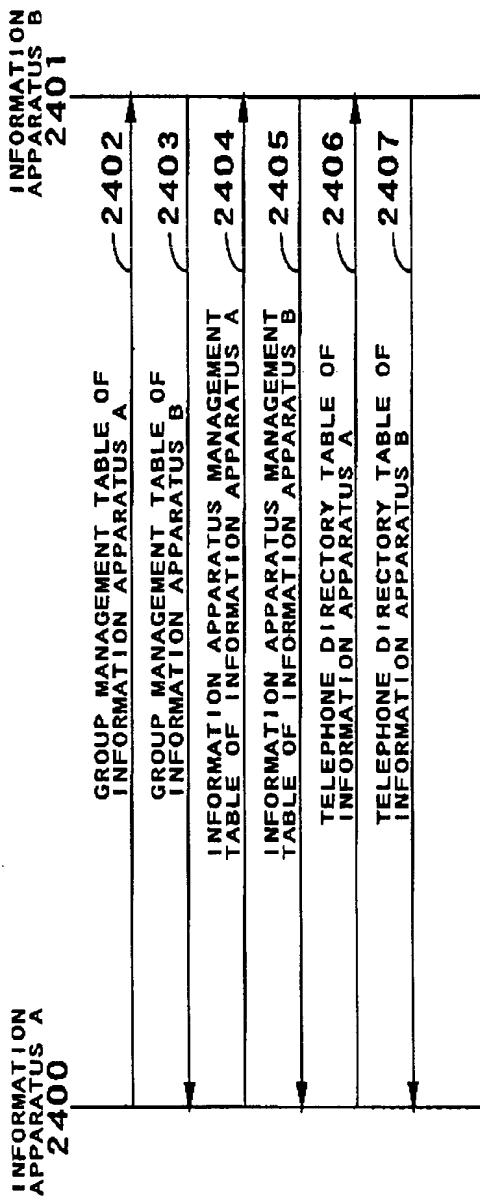
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FIG. 28

RECORD NUMBER	RECORD DELETION DATE AND TIME	NAME	UPDATING DATE AND TIME (NAME)	DATA REGISTRATION SOURCE INFORMATION APPARATUS ID (NAME)	TELEPHONE NUMBER	UPDATING DATE AND TIME (TELEPHONE NUMBER)	DATA REGISTRATION SOURCE INFORMATION APPARATUS ID (TELEPHONE NUMBER)
1	1900/01/01 00:00:00	TARO YAMADA	2002/02/27 01:00:00	A	03-1111-0001	2002/02/27 01:10:00	A
2	1900/01/01 00:00:00	ICHIRO SUZUKI	2002/02/27 02:00:00	A	03-1111-0002	2002/02/27 02:10:00	B
3	1900/01/01 00:00:00	TSUTOMU HASEGAWA	2002/02/27 03:00:00	C	03-1111-0003	2002/02/27 03:10:00	C
4	1900/01/01 00:00:00	TORU TAKAHASHI	2002/02/27 04:00:00	D	03-1111-0004	2002/02/27 04:10:00	D
:	:	:	:	:	:	:	:

FIG. 29



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FIG. 30

RECORD NUMBER	RECORD DELETION DATE AND TIME	DATE AND TIME	UPDATING DATE AND TIME (DATE AND TIME)	PLACE	UPDATING DATE AND TIME (PLACE)	SCHEDULE	UPDATING DATE AND TIME (CONTENTS)	REQUEST DESTINATION	UPDATING DATE AND TIME (REQUEST DESTINATION)
1	1900/01/01 00:00:00	2002/03/01 10:10:00	2002/02/27 00:00:00	FIRST ROOM	2002/02/27 00:10:00	MEETING FOR COUNTERMEASURE AGAINST TROUBLE	2002/02/27 00:20:00	TARO YAMADA	2002/02/27 00:30:00
2	1900/01/01 00:00:00	2002/03/02 13:00:00	2002/02/27 01:00:00	HEAD OFFICE	2002/02/27 01:10:00	MARKETING MEETING	2002/02/27 01:20:00		2002/02/27 01:30:00
3	1900/01/01 00:00:00	2002/03/03 10:00:00	2002/02/27 02:00:00	SECOND ROOM	2002/02/27 02:10:00	MEETING FOR REVIEW OF DEVELOPMENT OF NEW MODELS	2002/02/27 02:20:00	ICHIRO SUZUKI	2002/02/27 02:30:00
4	1900/01/01 00:00:00	2002/03/04 10:00:00	2002/02/27 03:00:00	OSAKA BRANCH	2002/02/27 03:10:00	BUSINESS MEETING	2002/02/27 03:20:00		2002/02/27 03:30:00
:	:	:	:	:	:	:	:	:	:

2501 2502 2503 2504 2505 2506 2507 2508 2509 2500

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FIG. 32

The diagram shows a table with 5 rows, labeled 2701 through 2705. Each row has five columns: RECORD NUMBER, RECORD DELETION DATE AND TIME, READING, UPDATING DATE AND TIME (READING), and KANJI. Row 2700 is shown above the table, with lines connecting its number to the corresponding column headers of the table rows. Row 2700 also has a line connecting to the number 2700 at the top right of the diagram.

RECORD NUMBER	RECORD DELETION DATE AND TIME	READING	UPDATING DATE AND TIME (READING)	KANJI	UPDATING DATE AND TIME (KANJI)
1	1900/01/01 00:00:00	SAHARA	2002/02/27 00:00:00	鰐	2002/02/27 00:10:00
2	1900/01/01 00:00:00	TAI	2002/02/27 01:00:00	鰐	2002/02/27 01:10:00
3	1900/01/01 00:00:00	MAGURO	2002/02/27 03:00:00	鰐	2002/02/27 02:10:00
4	1900/01/01 00:00:00	EBI	2002/02/27 04:00:00	海老	2002/02/27 03:10:00
:	:	:	:	:	: